

line 11, delete "vocal sample"; same line, after  
"converted" insert --vocal signals,--;  
line 12, delete "from voice made,";  
line 13, delete ","; same line, after "the" insert  
--input--; same line, delete "input";  
line 15, after "the" insert --phoneme--;  
line 16, delete "of phoneme,";  
line 18, after "the" (first occurrence) insert  
--phoneme--; same line, delete "of phoneme";  
line 20, after "framing" insert --a--;  
line 24, delete "the";  
line 25, delete "of the";  
line 26, after "and" (first occurrence) insert  
--a--.

Page 3, line 1, before "output" (first occurrence) insert  
--an--; same line, delete "an";  
line 5, after "of" insert --a--;  
line 6, delete "the" (second occurrence);  
line 11, after "of" insert --an--; same line,  
after "voice" insert --signal--;  
line 24, delete "being" and insert --is--.

Page 4, line 1, delete "being" and insert --is--;  
line 17, after "on" insert --the--;  
line 19, after "of" insert --a--;  
line 25, delete "to";  
line 26, delete "solving" and insert --for

reducing any--; same line, delete "of" and insert --in--.

Page 5, / line 7, after "the" (first occurrence) insert  
--phoneme--; same line, delete "of phoneme";  
line 23, delete "actually".

Page 6, / line 8, after "all" insert --of--;  
line 9, after "all" insert --of--;  
line 19, after "of" (first occurrence) insert  
--the--; same line, after "and" insert --the--;  
line 26, delete "use the fact" and insert  
--show--.

Page 7, / line 1, after "of" (first occurrence) insert  
--the--;  
line 2, delete "is" and insert --samples are--;  
line 3, after "the" insert --voice--; same line,  
delete "of voice";  
line 5, delete "the length" and insert  
--intervals--;  
line 10, delete "vectors by" and insert  
--vector--;  
line 11, after "on" insert --the--;  
line 18, after "For" insert --a--.

Page 8, / line 2, delete "length of"; same line, after  
"frame" insert --length--;  
line 7, delete "the".

Page 10, line 17, after "the" insert --phoneme--; same line, delete "of phoneme";

line 18, delete "database" and insert --databases--.

Page 11, line 11, after "the" insert --voice--;

line 12, delete "of voice".

Page 12, delete the equation and insert the following new equation

*160X*  $--HID(j) = \text{SGMOD} \left( \sum_i IN(i) * WGT\_IH(i,j) \right), i = 0, 1, \dots, 72,$

*W*  $j = 0, 1, \dots, N-2$

$HID(N-1) = 1$

$OUT(k) = \text{SGMOD} \left( \sum_j HID(j) * WGT\_HO(j,k) \right), j = 0, 1, \dots, N-1,$   
 $k = 0, 1, \dots;$

line 1, delete "IN(j)" and insert --IN(i)--.

Page 13, line 3, delete "it";

line 4, delete "the" (first occurrence) and insert --a--;

line 5, after "as" insert --described--; same line, delete "in" and insert --into--.

#### IN THE CLAIMS

Please amend the claims as follows:

- Q2* 1. (Amended) A phoneme dividing method using a multilevel neural network applied to a phoneme dividing apparatus having a